If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match.
The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.
Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

8.16.4 Operating the LINAC RF Cavity Cooling System

Text pages 2 through 3

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials

Approved: ***Signature on File*** _____
Collider-Accelerator Department Chairman — Date

R. Grandinetti

8.16.4 Operating the LINAC RF Cavity Cooling System

1. Purpose

To provide operating instructions to the Water Systems technicians for the LINAC RF Cavity Cooling System (5 stations).

2. Responsibilities

Water Systems technicians start and stop this system.

3. Prerequisites

3.1 Startup - Request permission from LINAC Control.

3.2 Verify that Chilled Water System is operating.

3.3 Shutdown - Request permission from LINAC Control.

3.4 Qualified and trained Water Systems technicians.

4. Precautions

Do not operate pumps without water or with valves closed.

5. Procedure

5.1 Verify that water level is within operating limits as marked on the RF cavity expansion tank sight glass.

5.2 Open suction and discharge valves on selected pump.

5.3 Roll pump shaft by hand.

5.4 Turn on pump circuit breaker.

5.5 Start pump at local start/stop station.

5.6 Check pump discharge pressure (100 psi) for normal operating pressure and temperature (75°F), for proper settings and operation.

5.7 Observe pump operation and restore alarms.

5.8 Repeat above procedure for each station.

5.9 For shutdown, turn off pumps with local switch, close suction and discharge valves, and secure alarms.

6. Documentation

None

7. References

7.1 LINAC flow diagram, C.T. Main Drawing #2484-402-M2.

7.2 BNL Drawing #2484-402-M2.

7.3 BNL Drawing #D23-M1883-2 through #D23-M1887-2.

8. Attachments

None